

M.B.B.S. [2nd Prof.]

BF/2009/05

Microbiology - A

M.M. : 40

Time : 3 Hours

Note : *Attempt all questions.*

USE SEPARATE ANSWER SHEET FOR EACH PART.

PART - I

1. **Write short notes on:**
 - a. Mechanism of drug resistance in bacteria. [3]
 - b. Contribution of Louis Pasteur in microbiology [2]

2. **Describe briefly the following:**
 - a. Immunoglobulin M. [4]
 - b. ELISA. [4]

3. **Write briefly on:**
 - a. Cell wall deficient bacteria. [3]
 - b. Bacterial virulence factors. [4]

PART - II

4. Describe pathogenesis and laboratory diagnosis of Syphilis. [5+5]

5. **Write short notes on:**
 - a. Mycobacterium avium complex. [2¹/₂]
 - b. Elek's test. [2¹/₂]

6. **Write short notes on:**
 - a. Enterotoxins of E. Coli. [2¹/₂]
 - b. Vincent's angina. [2¹/₂]
